



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D117-837-111
Job Sheet 171229



Part No: D117-837-111

Job Qty: 1 ea

Part Name: BK117 Basket Mounting Provisions



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/30/18

Job Tracking No:

Due Date: 2/19/18

Created By: Michelle Gagnon-Donovan

Type: Stock

Description:

Note: DWG DSI9724 REV A, IIN-D117-837 REV B SHEET 16 IPP REV:A 13.03.28 NEW ISSUE DD VERF:JLM IPP REV:B 13.06.21 IIN-D117-837 REV.A DD VERF:JFS IPP REV:C 14.07.25 ecn 14-571/ chg002 DD VERF:JLM IPP REV:D 15.05.27 add DSI9727 as per ecn15-571 DD verf:jlm

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	2/19/18	2/19/18	0.00	0.00	Start Up Stores/Pkg-1		MAR 27 2018
110	Packaging	1 pcs	2/19/18	2/19/18	0.00	0.00	Packaging1-1		
120	QC	1 pcs	2/19/18	2/19/18	0.00	0.00	QC4		
125	DC	1 pcs	2/19/18	2/19/18	0.00	0.00	DC		
130	Packaging	1 pcs	2/19/18	2/19/18	0.00	0.00	Packaging3-1		
140	QC21-FG	1 Ea	2/19/18	2/19/18	0.00	0.00	QC21		

Part Op 110 - Pick Kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

125 - Document Control Photocopy bluefile & type labels per PPP D117-837-111 CHG003

130 - Identify as per dwg & Stock Location: Identify and pack for shipping as per PPP D117-837-111

Location:

140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-13A	Bolt	4 Ea (4 ea)	90-Start up Operation	5042443
AN4-17A	Bolt	4 Ea (4 ea)	90-Start up Operation	5042442
AN5-23A	Bolt	12 Ea (12 ea)	90-Start up Operation	5042441
D4893-1	Hard Point Adapter, LH	2 Ea (2 ea)	90-Start up Operation	5015000
D4893-2	Hard Point Adapter, RH	2 Ea (2 ea)	90-Start up Operation	5015486
D4894-1	Fwd Beam	1 Ea (1 ea)	90-Start up Operation	5053662
D4894-3	Aft Beam	1 Ea (1 ea)	90-Start up Operation	5055677
D4895-045	Fwd Outboard Beam Assembly	1 Ea (1 ea)	90-Start up Operation	505032
D4895-047	Aft Outboard Beam Assembly	1 Ea (1 ea)	90-Start up Operation	5047892
D5253-1	Shim	4 Ea (4 ea)	90-Start up Operation	5047892
MS20002C6	Washer	12 Ea (12 ea)	90-Start up Operation	5047892
MS21042L4	Nut	8 Ea (8 ea)	90-Start up Operation	5042430
MS21042L5	Nut	12 Ea (12 ea)	90-Start up Operation	5042427
MS21042L6	Nut	12 Ea (12 ea)	90-Start up Operation	5042423
MS21250-06022	Bolt	12 Ea (12 ea)	90-Start up Operation	5042418
NAS1149D0416J	Washer	16 Ea (16 ea)	90-Start up Operation	5042413
NAS1149D0516J	Washer	24 Ea (24 ea)	90-Start up Operation	5042410
NAS1149D0616J	Washer	12 Ea (12 ea)	90-Start up Operation	5042404

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Container No: S053022



Part: D117-837-111

Job No: 171229

Serial No/Batch: S053022

Revision:

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/20/18

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-13A	4	696	0
	AN4-17A	4	771	0
	AN5-23A	12	38	0
	D4893-1	2	6	0
	D4893-2	2	6	0
	D4894-1	1	0	0
	D4894-3	1	0	0
	D4895-045	1	0	0
	D4895-047	1	0	0
	D5253-1	4	4	0
	MS20002C6	12	89	0
	MS21042L4	8	2,331	0
	MS21042L5	12	573	0
	MS21042L6	12	446	0
	MS21250-06022	12	43	0
	NAS1149D0416J	16	3,346	0
	NAS1149D0516J	24	282	0
	NAS1149D0616J	12	324	0
Part Specifications				
Specifications could not be found.				

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Dart Aerospace Ltd.
1270 Aberdeen St
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Master Unit 000889

Tel (613) 632-5200

Containers on Master Unit 000889				
Serial No	Part No	Customer Part No	Status	Quantity
S042443	AN4-13A	AN4-13A	Allocated	4
S042442	AN4-17A	AN4-17A	Allocated	4
S042441	AN5-23A		Allocated	12
S042439	D4893-1	D4893-1	Allocated	2
S042438	D4893-2	D4893-2	Allocated	2
F144608	D5253-1		Allocated	4
FM137073	MS20002C6		Allocated	1
S042432	MS20002C6		Allocated	11
S042430	MS21042L4	MS21042L4	Allocated	8
S042427	MS21042L5	MS21042L5	Allocated	12
S042423	MS21042L6		Allocated	12
S016902	MS21250-06022		Allocated	3
S042418	MS21250-06022		Allocated	9
S042413	NAS1149D0416J	NAS1149D0416J	Allocated	16
S042410	NAS1149D0516J		Allocated	24
S042404	NAS1149D0616J		Allocated	12



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
000889	S042442	AN4-17A	Bolt	S014730	Start Up Stores/Pkg-1	4
000889	S042441	AN5-23A	Bolt	S016506	Start Up Stores/Pkg-1	12
000889	S042439	D4893-1	Hard Point Adapter, LH	S015000	Start Up Stores/Pkg-1	2
000889	S042438	D4893-2	Hard Point Adapter, RH	S015486	Start Up Stores/Pkg-1	2
000889	F144608	D5253-1	Shim		Start Up Stores/Pkg-1	4
000889	FM137073	MS20002C6	Washer		Start Up Stores/Pkg-1	1
000889	S042432	MS20002C6	Washer	S027732	Start Up Stores/Pkg-1	11
000889	S042430	MS21042L4	Nut	S016351	Start Up Stores/Pkg-1	8
000889	S042423	MS21042L6	Nut	S016881	Start Up Stores/Pkg-1	12
000889	S016902	MS21250-06022	Bolt		Start Up Stores/Pkg-1	3
000889	S042418	MS21250-06022	Bolt	S024485	Start Up Stores/Pkg-1	9
000889	S042413	NAS1149D0416J	Washer	FM131511	Start Up Stores/Pkg-1	16
000889	S042410	NAS1149D0516J	Washer	FM137166-15	Start Up Stores/Pkg-1	8
000889	S042404	NAS1149D0616J	Washer	F122815-15	Start Up Stores/Pkg-1	12

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

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5.0 PARTS LIST

Qty -011	Qty -013	Qty -111	Part Number	Description
X			D117-837-011	HELI-UTILITY-BASKET, LH/RH
	X		D117-837-013	PROP ARM KIT
1		X	D117-837-111	BASKET PROVISION MOUNTING KIT
	1*		D2332-041	PROP ASSEMBLY (OPTIONAL)
	4*		D3953-9	WASHER
1			D4784-011	BASKET ASSEMBLY, HEAVY DUTY, LH/RH
1			D4794-043	STRUT ASSY
		2	D4893-1	HARDPOINT ADAPTER, LH
		2	D4893-2	HARDPOINT ADAPTER, RH
		1	D4894-1	FWD BEAM
		1	D4894-3	AFT BEAM
		1	D4895-045	FWD OUTBOARD BEAM ASSY
		1	D4895-047	AFT OUTBOARD BEAM ASSY
1			D4911-1	BRACKET
2			D4911-3	BRACKET
4			D5106-041	BRACKET ASSY
2			AN3-11A	BOLT
4			AN4-12A	BOLT
		4	AN4-17A	BOLT
		12	AN5-23A	BOLT
		12	MS20002C6	WASHER
2			MS21042-3	NUT
4		4	MS21042L4	NUT
		12	MS21042L5	NUT
		12	MS21042L6	NUT
4			MS21069L3	ANCHOR NUT
		12	MS21250-06022	BOLT
4			MS27039-1-08	SCREW
8			NAS1097AD3-4	RIVET
	3*		NAS1149C0463R	WASHER (or AN960C416)
8		8	NAS1149D0416J	WASHER (or AN960JD416L)
		24	NAS1149D0516J	WASHER (or AN960JD516L)
		12	NAS1149D0616J	WASHER (or AN960JD616L)
6			NAS1149F0332P	WASHER (or AN960-10L)

* D2332-041 PROP ASSEMBLY & HARDWARE (OPTIONAL) TO REPLACE D3969-3 GAS SPRING

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Revision: **B**

Date: 14.06.24

REFERENCE ONLY

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D117-837 REV. B AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D117-837 REV. 1
REF. TCCA STC: SH13-22
REF. FAA STC: SR03353NY

1.0 Purpose

Some customers have experienced problems with the alignment of the quick release pins after installing the D117-837-011 Basket kit after CHG 003. The purpose of this DSI is to provide instructions and parts to correct this mis-alignment. The DSI 9724-011 Shim Kit provides tapered shims that may be installed between the D5106-041 Bracket Assemblies and the bottom rib of the D4784-041 Basket Assembly.

2.0 Installing D5253-1 Shims

- 2.1 Unfasten D5106-041 Bracket Assy from D4784-041 Basket Assy.
- 2.2 Replace AN4-12A bolts with AN4-13A bolts and install D5253-1 shims as shown in Figure 1, using 2x NAS1149D0416J washers and 1 x MS21042L4 nut per shim. Pay attention to the orientation of the shim in relation with the basket center. Position the 4x D5253-1 Shims with the thicker side away from the center of the basket.
- 2.3 Fasten D5106-041 Bracket Assy to D4784-041 Basket Assy.
- 2.4 Continue with step 3.1.3 of IIN-D117-837 Rev. B.

3.0 Parts List

For D117-837-011 Heli-Utility-Baskets @ CHG 003 and later, the DSI 9724-011 Shim Kit is available from Dart. The parts in the DSI 9724-011 Shim Kit have been added to D117-837-011 Basket Kits @ CHG 006 and later.

Qty -011	Part Number	Description
X	DSI 9724-011	SHIM KIT
4	D5253-1	SHIM
4	AN4-13A	BOLT
4	MS21042L4	NUT
8	NAS1149D0416J	WASHER

4.0 Weight & Balance

This DSI has a negligible effect on Weight & Balance

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 15.05.11
CERT. NO.: SH13-22
ISSUE NO.: 1

A	NEW ISSUE	RF	15.05.11
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9724	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SHIM KIT	NTS
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